

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

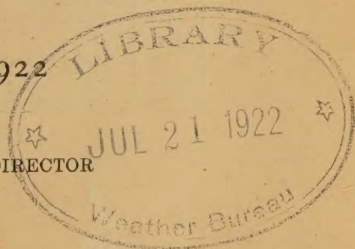
BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

MAY 1922

J. A. BROWN, DIRECTOR



PRINTED AT THE UNIVERSITY PRESS

MAY 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	762.4	761.9	762.6	762.3	23.3	15.7			
2	2.6	2.6	1.9	2.4	23.8	17.2			
3	0.5	59.6	58.8	59.7	30.4	20.2			
4	57.1	6.9	7.7	7.2	32.2	23.6			
5	6.7	8.3	60.6	8.5	27.1	21.1			
6	63.7	64.2	4.7	64.2	23.2	17.1			
7	3.4	1.8	1.6	2.3	21.0	17.8			
8	1.4	0.5	1.3	1.1	23.5	18.7			
9	1.9	1.9	2.0	1.9	23.3	17.1			0.37
10	3.5	3.1	4.1	3.6	23.6	16.1			
11	2.9	2.1	1.7	2.2	23.0	15.8			
12	2.3	2.4	2.9	2.5	22.9	19.6			0.25
13	3.5	3.3	3.4	3.4	23.3	16.1			
14	3.5	2.7	2.8	3.0	24.4	17.2			
15	2.0	1.4	1.0	1.5	24.4	17.6			
16	59.7	59.2	58.6	59.2	24.6	19.3			
17	9.1	8.6	8.7	8.8	26.3	19.5			
18	9.4	8.6	9.2	9.1	27.7	18.9			
19	9.0	9.0	9.0	9.0	26.6	18.9			
20	8.8	60.4	7.8	9.0	26.1	18.9			
21	6.7	55.7	6.0	6.1	27.2	18.5			
22	5.3	5.7	6.3	5.8	25.3	18.4			
23	8.7	9.3	9.9	9.3	25.5	19.3			
24	60.1	8.7	9.7	9.5	23.8	16.8			
25	59.5	6.4	6.7	7.5	24.0	19.4			
26	7.7	7.4	7.5	7.5	24.5	18.4			
27	6.3	6.8	8.1	7.1	24.3	16.1			4.58
28	9.8	60.1	60.8	60.2	24.0	15.8			1.90
29	61.3	1.0	0.9	1.1	24.4	17.2			
30	58.0	58.0	59.1	58.4	20.1	17.2			
31	60.8	51.7	62.4	61.8	25.6	18.3			
	762.2	760.0	760.3	760.2	25.1	18.1			7.10

BAROMETER

Maximum 764.7 on 6th
Minimum 755.3 on 22nd

THERMOMETER

Maximum 32.2 on 4th
Minimum 15.7 on 1st
Minimum on grass on

RAINFALL

Maximum 4.58 mm. on 27th

MAY 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	21.3	22.9	19.8	21.3	18.1	18.9	17.1	13.4	13.5	12.6	13.2	69	65	73	69
2	22.3	23.3	21.2	22.3	17.6	19.5	18.4	17.6	19.5	18.4	18.5	58	66	74	67
3	29.7	29.2	25.5	28.1	18.7	10.3	15.7	10.2	7.6	8.5	8.8	31	31	35	32
4	31.0	27.9	25.7	28.3	19.0	19.6	15.7	10.5	11.9	8.5	10.3	32	42	35	36
5	23.3	25.2	19.9	22.8	19.9	21.2	17.9	14.8	15.8	13.8	14.8	69	66	82	72
6	21.4	22.8	18.9	21.0	12.0	15.8	14.6	12.4	10.7	12.4	11.9	65	52	61	60
7	20.8	21.1	19.6	20.5	15.8	17.4	17.1	10.5	12.3	12.8	11.9	57	66	76	66
8	21.1	22.7	20.1	21.3	18.1	18.2	17.8	13.4	12.7	13.8	13.3	71	62	77	70
9	20.4	22.1	18.2	20.2	17.4	17.3	15.7	12.7	11.7	11.6	12.0	71	59	75	68
10	21.4	23.4	18.5	21.1	17.4	18.3	19.6	12.2	12.5	12.8	12.5	65	58	81	68
11	21.1	21.2	20.7	21.0	17.6	18.3	17.3	12.6	13.7	12.4	12.9	68	72	68	69
12	20.0	22.7	19.0	20.6	18.3	17.9	15.8	14.4	12.2	11.4	12.7	83	59	70	71
13	21.6	22.6	19.6	21.3	12.1	17.5	17.1	11.6	11.7	12.8	12.0	60	77	76	64
14	22.2	23.9	20.7	22.3	17.2	18.4	18.2	11.5	12.2	13.7	12.5	57	55	76	63
15	22.6	23.3	21.1	22.3	18.2	20.1	17.9	12.7	15.1	13.2	13.7	62	71	70	68
16	23.3	23.6	22.4	23.1	20.1	21.5	18.8	15.2	17.4	13.7	15.4	71	80	68	73
17	24.6	25.1	23.1	24.6	20.0	21.7	17.4	14.2	10.1	11.9	14.1	62	64	54	60
18	24.0	26.8	21.4	24.1	21.2	21.6	20.6	16.6	15.4	17.3	16.4	74	58	40	57
19	23.9	25.1	21.1	23.7	20.9	22.1	20.4	16.2	16.8	17.3	16.8	73	65	93	77
20	23.3	25.6	20.8	23.2	20.2	21.1	19.7	15.3	15.4	10.1	15.6	72	63	87	74
21	23.2	26.6	21.1	23.6	20.5	20.5	18.7	15.9	13.8	14.4	14.7	76	54	77	69
22	23.8	25.6	21.2	23.5	19.3	20.4	18.5	13.5	14.2	13.9	13.9	61	58	74	64
23	23.8	25.0	19.5	22.4	17.7	20.0	10.9	11.4	14.0	12.6	12.7	53	59	74	62
24	21.1	22.8	20.7	21.5	17.9	17.6	17.8	13.1	11.8	12.0	12.1	70	57	65	64
25	20.5	23.8	21.8	21.7	17.3	17.8	17.8	12.4	11.6	12.5	12.2	69	53	64	62
26	22.2	23.9	19.9	22.0	17.8	17.9	16.6	12.5	14.6	11.9	13.0	61	53	68	61
27	21.0	23.9	19.9	21.6	12.5	16.1	17.3	12.5	9.4	13.0	11.6	69	43	75	62
28	22.3	24.3	20.6	22.4	17.8	19.2	17.4	12.2	13.1	12.6	12.6	60	58	70	63
29	22.7	23.8	21.0	22.5	18.7	19.8	19.1	14.3	14.3	15.0	14.5	65	65	81	70
30	23.2	25.5	21.0	23.2	20.3	20.9	18.9	15.6	15.1	14.7	15.1	74	61	78	71
31	23.3	25.1	20.4	22.9	19.2	20.1	18.2	13.7	14.1	13.8	13.9	64	59	78	67
	22.8	24.3	20.8	22.6	18.0	19.2	18.5	13.4	13.6	13.3	13.4	62.3	59.1	70.2	64.5

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Gauge: above ground 0.56 m.; above sea level m.

Gravity Correction -0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MAY 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	4s	0	1.3	0	1n	0	228.6	calm	
2	2s	0	0	0.7	0	2n	0	258.0	"	
3	6s	10s	9s ci	8.3	0	0	0	80.4	"	
4	7cu s	10s	9s	9.0	0	0	0	164.3	"	
5	10cu s	9cu s	0	6.3	0	2sw	2sw	460.0	"	
6	0	0	0	0	1sw	2n	1n	321.9	v. slight	
7	0	0	0	0	3n	3n	3n	452.4	rough	
8	0	0	10cu n	3.3	2n	1n	1n	170.8	v. slight	
9	6cu s	10cu s	0	5.3	1sw	1nw	0	121.3	calm	
10	0	0	1cu	0.3	1sw	2sw	0	105.1	"	
11	0	10cu s	10cu s	6.7	1ne	2ne	3n	480.4	v. slight	
12	10n	8cu s	9cu s	9.0	1n	1nw	0	214.0	"	
13	0	0	4cu	1.3	0	1n	0	145.4	"	
14	0	0	0	0	1sw	1sw	0	204.0	calm	
15	0	0	0	0	0	2n	0	263.9	"	
16	0	0	0	0	1n	2n	0	321.9	v. slight	
17	0	0	0	0	1sw	0	0	145.8	calm	
18	0	0	0	0	0	0	0	92.7	"	
19	0	4cu	0	1.3	1sw	1sw	0	105.9	"	
20	0	2s	4s	2.0	1sw	1sw	0	262.3	"	
21	4cu s	4cu	2cu	3.3	1sw	1sw	1sw	323.2	"	
22	9cu n	0	2cu n	3.7	3sw	3sw	3sw	803.1	v. slight	trace a.m. &
23	2cu	0	0	0.7	3sw	3sw	0	152.9	slight	eve
24	9cu s	2s	0	3.7	1sw	1sw	1ne	203.2	calm	
25	10n	10cu n	3n	7.7	1sw	2n	0	342.2	v. slight	trace a.m. &
26	0	0	0	0	3sw	2nw	0	263.4	"	p.m.
27	10n	7cu	6n	7.7	2sw	2sw	1sw	279.5	"	
28	9cu n	0	0	3.0	2sw	1sw	1ne	161.5	"	
29	0	0	7cu	2.3	0	2n	2n	210.3	"	
30	0	0	0	0	3n	2nw	0	321.9	slight	
31	0	0	0	0	3sw	1sw	0	240.6	"	
				2.8				255.1		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	5	1	0	0	0	16	0	0	9
2:30	10	1	0	0	0	12	0	4	4
8:30	5	2	0	0	0	4	0	0	20
Totals	20	4	0	0	0	32	0	4	33